IPFX-E40V-IRW1 4MP Starlight Eyeball Network Camera

REALTIME



System Overview

The IPFX-E40V-IRW1 is a 4MP varifocal eyeball style camera. Featuring a 4MP, 1/3" low illuminance, high image definition CMOS image sensor on top a 2.7 mm–13.5 mm motorized varifocal lens and Starlight support, the camera excels in low light environments. The camera is also equipped with a built-in microphone for audio, H.265 compression and IP67 protection.

This camera also utilizes IC Realtime's advanced AI capabilities with Intelligent Motion Detect and Perimeter Protection. This technology utilizes a deep learning algorithm that recognizes people and vehicles, which drastically reduces false positives, enabling a more optimized search function.

Functions

Starlight Technology

Featuring Starlight Technology, this camera is ideal for applications with challenging lighting conditions. Its low-light performance delivers usable video with minimal ambient light. Even in extreme low-light conditions, Starlight Technology is capable of delivering color images in near complete darkness (0.005 lux).

Perimeter Protection

IC Realtime's Perimeter Protection features significantly improve detection accuracy. The benefits of Perimeter Protection include up to a 90% reduction in false alarms. Other advantages include a decrease in pixel count requirement for object detection, which translates into more efficiency with less strain on the system. Perimeter Protection options let you customize tripwires based on the object type and allow intelligent automation within a limited area of access such as pedestrian or vehicle-only zones. The combination of advanced Al analytics and real-time alerts maximizes efficiency & balance of the total systems capacity and resources resulting in greater surveillance system efficiency.

- 4MP, 1/3" CMOS image sensor, low illuminance, high image definition
- H.265 & H.264 triple-steam encoding
- Outputs max. 4MP (2688 × 1520)@30 fps
- Intelligent Motion Detect and Perimeter Protection
- WDR(120dB), Day/Night(ICR), 3DNR,AWB,AGC,BLC,
- Starlight, Max. IR LEDs Length 131 ft, Built-in Mic
- Micro SD memory, IP67, PoE

iMD (Intelligent motion Detect)

This is an upgraded version of motion detection currently known as Intelligent Motion Detection (iMD). The upgraded Plus version greatly improves alarm accuracy by pre-loading a deep learning algorithm that recognizes people and vehicles. Motion detection alerts containing a human and/or vehicle intrusion event are now possible with up to 95% accuracy. Eliminate false alarms, save time and keep stress levels low knowing you're protected.

Protection (IP67, wide voltage)

Subjected and certified to rigorous dust and water immersion tests, the IP67 rating makes it suitable for demanding outdoor applications. For environments with rain, sleet, snow and fog, an integrated wiper provides users with clear visibility at all times.Wide voltage: The camera allows $\pm 30\%$ input voltage tolerance (wide voltage range), and it is widely applied to outdoor environment with unstable voltage.

Smart H.265+

Deliver high quality video without straining the network, Smart H.265+ is the optimized implementation of H.265. The Smart H.265+ encoding technology includes a scene adaptive encoding strategy, dynamic GOP, dynamic ROI, flexible multi-frame reference structure and intelligent noise reduction, providing saving of up to 70% of bandwidth and storage when compared with standard H.265.

Wide Dynamic Range (WDR)

The camera achieves vivid images, even in the most intense contrast lighting conditions, using industry-leading wide dynamic range (WDR) technology. For applications with both bright and low lighting conditions that change quickly, True WDR (120 dB) optimizes both the bright and dark areas of a scene at the same time to provide usable video.



Technical Specification

Camera

Image Sensor	1/3" 4 Megapixel progressive CMOS
Effective Pixels	2688 (H) ×1520 (V)
RAM/ROM	512MB/128MB
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1/3 s–1/100000 s
Minimum Illumination	0.005 Lux@F1.5
S/N Ratio	> 56 dB
IR Distance	40 m (131.2 ft)
IR On/Off Control	Auto / Manual
IR LEDs	2

Lens

Lens Type		Motorized vari	-focal		
Mount Type		φ14			
Focal Length		2.7 mm-13.5 mm			
Max. Aperture		F1.5			
Angle of View		Horizontal: 104°–27° Vertical: 55° –15°			
Iris Type		Fixed			
Close Focus Distance		0.8 m (2.6 ft)			
DORI Distance	Lens	Detect	Observe	Recognize	Identify
	W	210 ft	84 ft	42 ft	21 ft
	Т	728 ft	291 ft	145 ft	72 ft

Pan/Tilt/Rotation

Pan/Tilt/Rotation Range Horizontal: 0°-360°; vertical: 0°-78°; rotation: 0°-360°

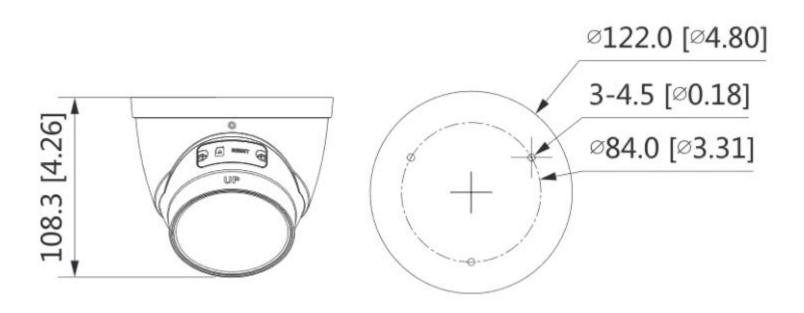
Intelligence

Intelligence	
Perimeter Protection	Tripwire; intrusion (support the classification and accurate detection of vehicle and human)
Intelligent Motion Detect (iMD)	Motion detection alarm for human and vehicle. Filters misinformation such as leaves and light.
Intelligent Search	Works together with Al-enabled NVR to perform refine intelligent search, event extraction and merging to event videos
Video	
Compression	H.265; H.264; H.264H; H.264B; MJPEG (sub stream only)
Streaming Capability	3 Streams
Resolution	4M (2688 × 1520); 3M (2304 × 1296); 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Frame Rate	Main stream:2688 × 1520@1–25/30 fps
	Sub stream: 704 × 576 @1–25 fps/ 704 × 480 @ 1–30 fps
	Third Stream: 1280 × 720@1–25/30 fps
Bit Rate Control	CBR/VBR
Bit Rate	H.264: 3 Kbps–8192 Kbps H.265: 3 Kbps–8192 Kbps
Day/Night	Auto(ICR) / Color / B/W
BLC Mode	BLC / HLC / WDR(120dB)

White BalanceAutohatural/street lamp/outdoor/manual/regional customGain ControlAuto / ManualNoise Reduction3D DNRMotion DetectionOff / On (4 Zone, Rectangle)Region of InterestSupportStarlightSupportStarlightSupportDigital ZoomI6xFilipOff / On (4 Area, Rectangle)MirorOff / On (4 Area, Rectangle)MirorStall (A frea, Rectangle)MirorStall (A frea, Rectangle)MirorStall (A frea, Rectangle)MirorStall (A frea, Rectangle)PortocolStall (A frea, Rectangle)PortocolStall (A frea, Rectangle)InteroperabilityOn/NIF (Profile S/Porfile C) (A frea, Rectangle)Nak, User AccessON/NIF (Profile S/Porfile C) (A frea, Rectangle)Stall (A frea, Rectangle)Stall (A frea, Rectangle)Management SoftwareStall (A frea, StafaiGarding MethodIL, Chrome, Firefox, SafariManagement SoftwareStall (A frea, Profile C) (A frea, Rectangle)Match InterfaceNAAudio InterfaceNAAudio InterfaceNAAudio InterfaceStall (A frea, Profile C) (A free, C) (A fre				
Noise Reduction3D DNRMotion DetectionOff / On (4 Zone, Rectangle)Region of InterestOff / On (4 Zone)Starti RSupportDight Zoom16xDight ZoomOff / OnPrivacy MaskingOff / OnPrivacy MaskingOff / On (4 Area, Rectangle)MirorOff / On (4 Area, Rectangle)Privacy MaskingOff / On (4 Area, Rectangle)Privacy MaskingOff / On (4 Area, Rectangle)Privacy MaskingOff / On (4 Area, Rectangle)ProtocolSompressionProtocolSompressionProtocolRe-50 (1000 Base-T)ProtocolNUVF (Poffle S/Poffle C): CGIProtocolONVF (Poffle S/Poffle C): CGIStaming MethodONVF (Poffle S/Poffle C): CGIManagement SoftwareSmart(RSS, DSSSonart PhoneSmart(RSS, DSSCertificationsSinder Company Elicit Compatibility Directive SOLUCU UROBSOFIC ProtocyCertificationsSinder Company Elicit Compatibility Directive SOLUCU UROBSOFIC ProtocyCertificationsSinder Company Elicit Compatibility Directive SOLUCU UROBSOFIC CAN/CSA C22.2 NA60950-1-01CertificationsSinder Company Elicit Compatibility Directive SOLUCU UROBSOFIC COMPACE ACT SOLUCU UROBSOFIC COMPACE ACTProtocolNA	White Balance	Auto/natural/street lamp/outdoor/manual/regional custom		
Addion DetectionOff / On (A Zone, Rectangle)Region of InterestGV / On (A Zone)Start IRSupportStart IRSupportDigital ZoomIskRipOff / On (A Zone)RirorOff / OnNirorOff / On (A Area, Rectangle)MirorOff / On (A Area, Rectangle)PotocolSolutions:AutionCylla: Cylla: C	Gain Control	Auto / Manual		
Region of InterestOff / On (4 Zone)Smart IRSupportStarlightSupportDigital Zoom16xFlip1909/1807270" (Support 907270" with 1920 × 1080 resolution,MirorOff / On (4 Area, Rectangle)MirorOff / On (4 Area, Rectangle)Protocy MaskingOff / On (4 Area, Rectangle)AutioCarge Scale S	Noise Reduction	3D DNR		
Smart IRSupportStarlightSupportStarlightSupportDigital Zoom16xFlip0'909718097270' (Support 907270' with 1920 × 1080FlipO'ff / OnPrivacy MaskingOff / On (A Area, Rectangle)AutioCompressionAtticePotocolPotocolPotocolDIVEP: DIVEP: DEVE: ARP; RTSP; RTSP; RTSP; SUPP: PTP; DIVEP; DSD; DNS; PEPO: IPAVAG; QD; UPP: NTP; Borjour, 802.1s; Muticast; ICMP; IGMP; SMMPInteroperabilityONVIF (Pofile S/Pofile G): CGIStrange MethodUncest / Diverse MethodStrange Colspan="2">Col Total bandwidth: 64 MStrange Colspan="2">Col Total bandwidth: 64 MStrange Colspan="2">Col Total bandwidth: 64 MOntore Diverse Colar (Support max. 256 GB)Coarter Colar Colar (Support max. 256 GB)Coarter Colar Colar (Support Edvecting)Mass CFT FCC Part 15, Subpart BU/CUL: UL 60950-1 CA/NCSA C22.2 No.60950-1-07DIFERENCECoarter Colspan="2">ConstructionConstructionConstructionConstructionConstructionOne ConsumptionAdvice Hoft Colspan="2">ConstructionConstructionConstructionConstruction <td <="" colspan="2" td=""><td>Motion Detection</td><td>Off / On (4 Zone, Rectangle)</td></td>	<td>Motion Detection</td> <td>Off / On (4 Zone, Rectangle)</td>		Motion Detection	Off / On (4 Zone, Rectangle)
AutomBarlightSuportDigital Zoom16xFip079071B07270" (Support 907270" with 1920 × 1080 resolution.)MirorOff / OnPrivacy MaskingOff / On (A Area, Rectangle)AutoinSupport 907270" (Support 907270" with 1920 × 1080 resolution.)AutoinOff / On (A Area, Rectangle)AutoinSupport 907270" (Support 907270" with 1920 × 1080 resolution.)AutoinOff / On (A Area, Rectangle)AutoinOff / On (A Area, Rectangle)AutoinSupport 907270" (Support 907270" with 1920 × 1080 resolution.)Autoin 1970 (A Area, Rectangle)Off / On (A Area, Rectangle)Off / On (A Area, Rectangle)Autoin 1970 (Support 907270" with 1920 × 1080 (Support 907270" with 1920 × 1080 (Support 907270" with 1920 × 1080 (Support 907270" (Support 907270" with 1920 × 1080 (Support 907270" (Support 907270" with 1920 × 1080 (Support 907270" (Support 90720" (Support 9002" (Suppor	Region of Interest	Off / On (4 Zone)		
Digital Zoom15xFlip15xFlip079071807270" (Support 907270" with 1920 × 1080 resolution.)Mirror0ff / OnPrivacy Masking0ff / On (A Area, Rectangle)AutioCompression6.711a; G.711Mu; G726; AACNetworkEthernetR-45 (10/100Base-T)ProtocolMITTP; HTTP; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; Bolour 802.1x. MulticastInteroperabilityONVIF (Profile S/Profile G); CGIStreaming MethodUnicast / MulticastManagement SoftwareSol (Total bandwidth: 64 M)Edge StorageIIE, Chrome, Firefox, SafariManagement SoftwareSmartICRSS, DSSSmart PhoneIDSA (SAGOU)CertificationsCE-LVD: EN62368-1 CC: 47 CFR FCC Part 15, Subpart 2D14/20UVideo InterfaceNAAudio InterfaceNAAudio InterfaceNAAudio InterfaceSmart ROSOU 2D14/20UPower Consumption<8.3W	Smart IR	Support		
Pilp0'90'J180'Z20'' (Support 90'7270'' with 1920 × 1080 resolution.)FilpOff / OnPrivacy MaskingOff / OnPrivacy MaskingOff / On (A Area, Rectangle)AutioCarlia: G.711Mu: G726; AACCompressionG71a: G.711Mu: G726; AACPottocolR-45 (10/100Base-T)ProtocolHTTP: HTTP: TCP: APP: RTSP: RTP: UDP: SMTP: FTP: DHCP: DNS: DDNS: PPDCE: IPvAVe: OS: UPP: PNTP: Biogiour: 802.1x; Multicast: ICMP: IGMP: SMMPProtocolUnicast / MulticastMax. User Access20 (Total bandwith: 64 M)Edge StorageIE. Chrome, Firefox, SafariMaagement SoftwareSmartlCRSS, DSSSoft PhoneIDS: AndroidCertificationsCE-IVD: ENE2368-1 CE-IVD: ENE2368-	Starlight	Support		
Pipresolution.)resolution.)MirrorOff / OnPrivacy MaskingOff / On (4 Area, Rectangle)AutioCompressionG.711a: G.711Mu; G726; AACNetworkEthernetRI-45 (10/100Base-T)ProtocolMirror (DP, SMTP, FTP; DDP; SMTP; FTP; DDPC; DNS; DDNS; PPPOE; IP-4A/6: QoS; UPP,NTP; Bonjour; 802.1x; Multicast; ICMP; ISMPInteroperabilityONVIF (Profile S/Profile G): CGIStreaming MethodUnicast / MulticastMax. User Access20 (Total bandwidth: 64 M)Edge StorageIE, Chrome, Firefox, SafariManagement SoftwareSmartICRSS, DSSSmart PhoneIOS, AndroidCertificationsCE-EWC: Electromagnetic Compatibility Directive 2014/0/EU CC: 47 CFF PCC Part 15, Subpart BUL/CUL: ULG0950-11 CANCSA C22.2 No.60950-1-07IterfaceNAAudio InterfaceNAAudio InterfaceNAAudio InterfaceDC12V, POE (802.3af)Power SupplyDC12V, POE (802.3af)Power SupplyDC12V, POE (802.3af)Power SupplySoft to +60°C (-22°F to +140°F)/Less than 95% RH Storage ConditionsStorage Conditions-30°C to +60°C (-22°F to +140°F)/Less than 95% RH CasingStorage Conditions-30°C to +60°C (-22°F to +140°F)/Less than 95% RH CasingDiress ProtectionStorage CanditionsGaingMetalDiress ProtectionStorage CanditionsGaingMetalDiress ProtectionGS.50.51Built- In Group Canditions-30°C to +60°C (-40°F to +140°F)/Less th	Digital Zoom	16x		
Privacy MaskingOff / On (4 Area, Rectangle)AutioCompression6.711a: 6.711Mu; G726: AACNetworkEthernetR-45 (10/100Base-T)ProtocolWHTP; HTTPs; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DPDOE: IPvAVAG; QoS; UAPP; NTPProtocolWNUF (Profile S/Profile G): CGIStreaming MethodUnicast / Multicast (LMP; IGMP; SMTPMax User Access20 (Total bandwidth: 64 M)Edge Storage20 (Total bandwidth: 64 M)Mangement SoftwareSmartlCRS; DSSMangement SoftwareSmartlCRS; DSSStratt FroneCE-LVD: EN62368-1 CSCI Electromagnetic Compatibility Directive 2013/0/EUCertificationsCE-LVD: EN62368-1 CSCI Electromagnetic Compatibility Directive 2013/0/EUFuterfaceNAAudio InterfaceNAAudio InterfaceNAAudio InterfaceSilt-in MicrophoneAudio InterfaceSolt Cut-CUL: ULG0950-1 CAN/CSA C22.2 No.60950-1:04Power SupplyDC12V, PDE (802.3af)Power SupplyDC12V, PDE (802.3af)Power SupplyCC to +GCC (-42°E to +140°E)Porating Conditions-30°C to +60°C (-42°E to +140°E)Porating Conditions-30°C to +60°C (-40°E to +140°E)Porating Conditions-60°CFurentertSinga MetalPorating Conditions-60°C to +40°C to +140°E)Porating Conditions <t< td=""><td>Flip</td><td></td></t<>	Flip			
AutioCompressionG-711a; G-711Mu; G726; AACNetworkEthernetRJ-45 (10/100Base-T)ProtocolDHCP; DNS; DDNS; PPPOE; IPVA/6; QoS; UPP,PTP; Bonjour: 802.1x; Multicast (LMP; IGMP; SMMP)InteroperabilityDNVIF (Profile S/Profile G); CGIStreaming MethodUnicast / MulticastMax. User Access20 (Total bandwidth: 64 M)Edge StorageIE; Chrome, Firefox, SafariManagement SoftwareSmartlCRSS, DSSSmart PhoneIOS, AndroidCertificationsCertificationsCE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart BUI-30/EUVideo InterfaceN/AAudio InterfaceBuilt-in MicrophoneAlarmN/AElectricalSOVPower SupplyDC12V, PoE (802.3af)Power Consumption4-30°CFertirons-30°C to +60°C (-40°F to +140°F)/Less than 95% RHQuerations-30°C to +60°C (-40°F to +140°F)Storage Conditions-40°C to +60°C (-40°F to +140°F)Storage Conditions-40°C to +60°C (-40°F to +140°F)Storage Conditions-50°C to +60°C (-40°F to +140°F)Storage Conditions-50°C to +60°C (-40°F to +140°F)Storage Conditions-60°C to +60°C (-40°F to +140°F)Storage Conditions-60°C to +60°C to +140°F)Storage Conditions-60°C to +60°C (-40°F to +140°F)Storage Conditions-60°C to +60°C (-40°F to +140°F)Storage Conditions-60°C to +60°C to +60°C to +60°C to +60°C to +60°C<	Mirror	Off / On		
CompressionG.711a: G.711Mu; G726; AACCompressionG.711a: G.711Mu; G726; AACNetworkEthernetRI-45 (10/100Base-T)EthernetRI-45 (10/100Base-T)ProtocolHTTP; HTTPs; TCP; APP; RTP; UDP; SMTP; FTP; Bonjour; 802.1x; Multicast (CMP; IGMP; SNMP)InteroperabilityONVIF (Profile S/Profile G); CGIStreaming MethodUnicast / MulticastMax. User Access20 (Total bandwidth; 64 M)Edge StorageLic Chrome, Firefox, SafariManagement SoftwareSmartlCRSS, DSSSmart PhoneIOS, AndroidCertificationsCertificationsCE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart BULCU: LUG09701 CAN/CSA C22.2 No.60950-1-07InterfaceN/AAudio InterfaceBuilt-in MicrophoneAudio InterfaceDC12V, PoE (802.3af)Power SupplyDC12V, PoE (802.3af)Power Consumption-30°C to +60°C (-40°F to +140°F)/Less than 95% RHStorage Conditions-30°C to +60°C (-40°F to +140°F)Ingress ProtectionIOF3CurrentionIOR3 mm x 122 mm (4.3° × 4.8")Nu WeightMetal	Privacy Masking	Off / On (4 Area, Rectangle)		
CompressionG.711a: G.711Mu; G726; AACCompressionG.711a: G.711Mu; G726; AACNetworkEthernetRI-45 (10/100Base-T)EthernetRI-45 (10/100Base-T)ProtocolHTTP; HTTPs; TCP; APP; RTP; UDP; SMTP; FTP; Bonjour; 802.1x; Multicast (CMP; IGMP; SNMP)InteroperabilityONVIF (Profile S/Profile G); CGIStreaming MethodUnicast / MulticastMax. User Access20 (Total bandwidth; 64 M)Edge StorageLic Chrome, Firefox, SafariManagement SoftwareSmartlCRSS, DSSSmart PhoneIOS, AndroidCertificationsCertificationsCE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart BULCU: LUG09701 CAN/CSA C22.2 No.60950-1-07InterfaceN/AAudio InterfaceBuilt-in MicrophoneAudio InterfaceDC12V, PoE (802.3af)Power SupplyDC12V, PoE (802.3af)Power Consumption-30°C to +60°C (-40°F to +140°F)/Less than 95% RHStorage Conditions-30°C to +60°C (-40°F to +140°F)Ingress ProtectionIOF3CurrentionIOR3 mm x 122 mm (4.3° × 4.8")Nu WeightMetal	Audio			
Network Ethernet RJ-45 (10/100Base-T) Protocol HTTP: HTTPs: TCP: ARP: RTSP: RTP: UDP: SUPPA: Physic; Oos: UPPAP: Physics; Oos: UPPAP: Physics		G 711a: G 711Mu: G726: AAC		
Ethermet RJ-45 (10/100Base-T) Ethermet RJ-45 (10/100Base-T) Protocol HTTP; HTTP;: TCP; ARP; PTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PDPOE; IPv4/v6; QoS; UPnP,NTP; Bonjour; 802.1x; Multicast (CMP; IGMP; SNMP Interoperability ONVIF (Profile S/Profile G); CGI Streaming Method Unicast / Multicast Max. User Access 20 (Total bandwidth: 64 M) Edge Storage Ice, form en streaming Method Mas, SFTP, Micro SD Card (support max. 256 GB) Local PC for instant recording Web Viewer IE, Chrome, Firefox, Safari Management Software SmartCRSS, DSS Smart Phone IOS, Android Certifications CfE-LVD: ENE2368-1 Cc:: 47 CFR FCC Part 15, Subpart Sulda Interface N/A Audio Interface N/A Audio Interface N/A Audio Interface Suld'A/O/EU Power Supply DC12V, PGE (802.3af) Power Supply C12V, PGE (802.3af) Power Supply Audic to +60°C (-42°F to +140°F)/Less than 95% RH Storage Conditions -30°C to +60°C (-42°F to +140°F)/Less than 95% RH Storage Conditions -30°C to +60°C (-42°F to +140°F)/Less than 95% RH		c, 11, c, 11, a, 5, 25, 7 to		
ProtocolHTTP: HTTP:: TCP: ARP: RTSP: RTP: UDP: SMTP: FTP: Bonjour, 802.1x; Multicast; ICMP; IGMP; SNMPInteroperabilityONVIF (Profile S/Profile G); CGIStreaming MethodUnicast / MulticastMax. User Access20 (Total bandwidth: 64 M)Edge StorageIE, Chrome, Firefox, SafariWeb ViewerIE, Chrome, Firefox, SafariManagement SoftwareSmartlCRSS, DSSSmart PhoneCE-LVD: EN62368-1 CE-EHC: Electromagnetic Compatibility Directive 2014/30/EU FC: 47 CFR FCC Part 15, Subpart BUIL430/EUVideo InterfaceN/AAudio InterfaceN/AAudio InterfaceN/AAudio InterfaceSitter MicrophoneAudio InterfaceSc12V. PoE (802.3af)Power Consumption-30°C to +60°C (-22°F to +140°F)/Less than 95% RHStorage Conditions-40°C to +60°C (-40°F to +140°F)Ingers Protection167ConstructionImages and sing x 4.8"ChristiansMetalDimensionsMetalDimensions685 (15.1b)				
ProtocolDHCP: DNS: DDNS: PPPOE: IPv4/v6: QoS: UPnP;NTP; Bonjour: 802.1x; Multicast: ICMP; IGMP; SNMPInteroperabilityONVIF (Profile S/Profile G): CGIStreaming MethodUnicast / MulticastMax. User Access20 (Total bandwidth: 64 M)Edge StorageNAS, SFTP, Micro SD Card (support max. 256 GB) Local PC for instant recordingWeb ViewerIE, Chrome, Firefox, SafariManagement SoftwareSmartlCRSS, DSSSmart PhoneIOS, AndroidCertificationsCE-LVD: EN62368-1 CC: 47 CFR FCC Part 15, Subpart EU/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-04N/AAudio InterfaceN/AAudio InterfaceN/AAudio InterfaceN/APower SupplyDC12V, PoE (802.3af)Power Supply-30°C to +60°C (-22°F to +140°F)/Less than 95% RHStorage Conditions-30°C to +60°C (-40°F to +140°F)Porating Conditions-40°C to +60°C (-40°F to +140°F)CanageIndexIngress ProtectionForConstruction-30°C to +60°C (-40°F to +140°F)/Less than 95% RHCanage-40°C to +60°C (-40°F to +140°F)/Less than 95% RHStorage Conditions-40°C to +60°C (-40°F to +140°F)Canage-40°C to +60°	Ethernet			
Streaming MethodUnicast / MulticastMax. User Access20 (Total bandwidth: 64 M)Max, User Access20 (Total bandwidth: 64 M)Edge StorageNAS, SFTP, Micro SD Card (support max. 256 GB) Local PC for instant recordingWeb ViewerE, Chrome, Firefox, SafariManagement SoftwareSmartlCRSS, DSSSmart PhoneIOS, AndroidCertificationsCE-LVD: EN62368-1 CE-LVD: EN62368-1 CE-LVD: EN62368-1 CE-LYC: Electromagnetic Compatibility Directive 2014/30/UF CE-C: 47 CFR PCC Part 15, Subpart BUL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07InterfaceVideo InterfaceN/AAudio InterfaceN/AAlarmN/APower SupplyDC12V, PoE (802.3af)Power Consumption-30°C to +60°C (-22°F to +140°F)/Less than 95% RHPower Consumption-30°C to +60°C (-40°F to +140°F)Porating Conditions-00°C to +60°C (-40°F to +140°F)Ingress ProtectionIP67ConstructionN8.3 mm x 122 mmDimensionsN8.3 mm x 122 mmAirw x 48°T)Stam x 122 mm	Protocol	DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP;NTP;		
Nax. User Access20 (Total bandwidth: 64 M)Edge StorageNAS, SFTP, Micro SD Card (support max. 256 GB) Local PC for instant recordingWeb ViewerIE, Chrome, Firefox, SafariManagement SoftwareSmartICRSS, DSSSmart PhoneIOS, AndroidCertificationsCertificationsCertificationsCertificationsCertificationsCertificationsCertificationsCertificationsCertificationsCertificationsDiversition (CertificationsCertificationsDiversition (CertificationsCertificationsDiversition (CertificationsDiversition (CertificationsDiversition (CertificationsN/AAudio InterfaceN/AAudio InterfaceN/AAudio InterfaceN/AColspan="2">CertificationsDiversition (Certification)Audio City Cope (802.3af)Power SupplyDiversition (Certifications)Audio City Cope (Re02.3af)Power SupplyDiversition (Certifications)Audio City Cope (Certifications)Ois (Certifications)Certifications <td colspa<="" td=""><td>Interoperability</td><td>ONVIF (Profile S/Profile G); CGI</td></td>	<td>Interoperability</td> <td>ONVIF (Profile S/Profile G); CGI</td>	Interoperability	ONVIF (Profile S/Profile G); CGI	
Edge StorageNAS, SFTP, Micro SD Card (support max. 256 GB) Local PC for instant recordingWeb ViewerIE, Chrome, Firefox, SafariManagement SoftwareSmartlCRSS, DSSSmart PhoneIOS, AndroidCertificationsCertificationsCE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart BUL/CU: UL60950-1 CAN/CSA C22.2 No.60950-1-07InterfaceN/AAudio InterfaceN/AAudio InterfaceN/AAudio InterfaceN/AAudio InterfaceSoldPower SupplyDC12V, PoE (802.3af)Power Consumption<8.3W	Streaming Method	Unicast / Multicast		
Edge StorageLocal PC for instant recordingWeb ViewerIE, Chrome, Firefox, SafariManagement SoftwareSmartlCRSS, DSSSmart PhoneIOS, AndroidCertificationsCE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU CE: 47 CFR FCC Part 15, Subpart BUL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07InterfaceN/AAudio InterfaceAudio InterfaceN/AAudio InterfaceN/AAudio InterfaceDC12V, PoE (802.3af)Power SupplyDC12V, PoE (802.3af)Power Consumption-30°C to +60°C (-22°F to +140°F)/Less than 95% RHStorage Conditions-40°C to +60°C (-40°F to +140°F)Ingress ProtectionIP67Construction108.3 mm × 122 mm (4.3" × 4.8")DimensionsN(3.3 mm × 122 mm (4.3" × 4.8")Net Weight685g (1.5 lb)	Max. User Access	20 (Total bandwidth: 64 M)		
Management SoftwareSmartlCRSS, DSSSmart PhoneIOS, AndroidCertificationsCertificationsCE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart BUL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07InterfaceVideo InterfaceN/AAudio InterfaceN/AAudio InterfaceN/AAudio InterfaceDC12V, POE (802.3af)Power SupplyDC12V, POE (802.3af)Power Consumption<8.3W	Edge Storage			
Smart PhoneIOS, AndroidSmart PhoneIOS, AndroidCertificationsCertificationsCE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart BUL/CU: UL60950-1 CAN/CSA C22.2 No.60950-1-07InterfaceVideo InterfaceAudio InterfaceN/AAudio InterfaceN/AAuarnVAPower SupplyDC12V, POE (802.3af)Power Consumption<8.3W	Web Viewer	IE, Chrome, Firefox, Safari		
Certifications CE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU EU/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07 Interface N/A Audio Interface N/A Audio Interface Built-in Microphone Alarm N/A Power Supply DC12V, PoE (802.3af) Power Consumption 63.3W Enertical	Management Software	SmartICRSS, DSS		
CertificationsCE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FC: 47 CFR FCC Part 15, Subpart BUL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07InterfaceN/AAudio InterfaceN/AAudio InterfaceBuilt-in MicrophoneAlarmN/APower SupplyDC12V, PoE (802.3af)Power Consumption-30°C to +60°C (-22°F to +140°F)/Less than 95% RHStorage Conditions-40°C to +60°C (-40°F to +140°F)/Less than 95% RHStorage Conditions-40°C to +60°C (-40°F to +140°F)Ingress ProtectionID67ConstructionMailDimensionsMailMetal108.3 mm × 122 mm (4.3" × 4.8")Net Weight685g (1.5 lb)	Smart Phone	IOS, Android		
CertificationsCE-EMC: Electromagnetic Compatibility Directive 2014/30/EU Sci 47 CFR FCC Part 15, Subpart BUL/CUL: UL60950-1 CAN/CSA C22.2 No.60950-1-07InterfaceN/AVideo InterfaceN/AAudio InterfaceBuilt-in MicrophoneAlarmN/AFlettricalConstructionPower SupplyDC12V, PoE (802.3af)Power Consumption-30°C to +60°C (-22°F to +140°F)/Less than 95% RHOperating Conditions-30°C to +60°C (-40°F to +140°F)Storage Conditions-40°C to +60°C (-40°F to +140°F)Ingress ProtectionMetalConstructionMetalCinangMetalDimensionsSis Jims 122 mm (4.3° × 4.8")Net WeightBis Jin Sis Michaelee	Certifications			
Video InterfaceN/AAudio InterfaceBuilt-in MicrophoneAlarmN/AElectricalN/APower SupplyDC12V, PoE (802.3af)Power Consumption<8.3W	Certifications	CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart		
Audio InterfaceBuilt-in MicrophoneAlarmN/AElectricalN/APower SupplyDC12V, PoE (802.3af)Power Consumption<8.3W	Interface			
AlarmN/AAlarmN/AAlarmN/AFlectricalCPower SupplyDC12V, PoE (802.3af)Power Consumption <a.3w< td="">Power Consumption<a.3w< td="">Poperating Conditions-30°C to +60°C (-22°F to +140°F)/Less than 95% RHStorage Conditions-40°C to +60°C (-40°F to +140°F)Ingress ProtectionIP67ConstructionMetalCasingMetalDimensions18.3 mm × 122 mm (4.3" × 4.8")Net Weight685g (1.5 lb)</a.3w<></a.3w<>	Video Interface	N/A		
Flectrical DC12V, PoE (802.3af) Power Supply DC12V, PoE (802.3af) Power Consumption <8.3W	Audio Interface	Built-in Microphone		
Power Supply DC12V, PoE (802.3af) Power Consumption <8.3W	Alarm	N/A		
Power Consumption <8.3W	Electrical			
Environmental -30°C to +60°C (-22°F to +140°F)/Less than 95% RH Operating Conditions -30°C to +60°C (-40°F to +140°F)/Less than 95% RH Storage Conditions -40°C to +60°C (-40°F to +140°F) Ingress Protection IP67 Construction IN08.3 mm × 122 mm (4.3" × 4.8") Dimensions 685g (1.5 lb)	Power Supply	DC12V, PoE (802.3af)		
Operating Conditions -30°C to +60°C (-22°F to +140°F)/Less than 95% RH Storage Conditions -40°C to +60°C (-40°F to +140°F) Ingress Protection IP67 Construction Casing Metal Dimensions 108.3 mm × 122 mm (4.3" × 4.8") Net Weight 685g (1.5 lb)	Power Consumption	<8.3W		
Operating Conditions -30°C to +60°C (-22°F to +140°F)/Less than 95% RH Storage Conditions -40°C to +60°C (-40°F to +140°F) Ingress Protection IP67 Construction Casing Metal Dimensions 108.3 mm × 122 mm (4.3" × 4.8") Net Weight 685g (1.5 lb)	Environmental			
Storage Conditions -40°C to +60°C (-40°F to +140°F) Ingress Protection IP67 Construction Casing Metal Dimensions 108.3 mm × 122 mm (4.3" × 4.8") Net Weight 685g (1.5 lb)		–30°C to +60°C (–22°F to +140°F)/Less than 95% RH		
Ingress Protection IP67 Construction Metal Casing Metal Dimensions 108.3 mm × 122 mm (4.3" × 4.8") Net Weight 685g (1.5 lb)				
Construction Metal Casing Metal Dimensions 108.3 mm × 122 mm (4.3" × 4.8") Net Weight 685g (1.5 lb)		IP67		
Casing Metal Dimensions 108.3 mm × 122 mm (4.3" × 4.8") Net Weight 685g (1.5 lb)	-			
Dimensions 108.3 mm × 122 mm (4.3" × 4.8") Net Weight 685g (1.5 lb)		Metal		
Dimensions (4.3" × 4.8") Net Weight 685g (1.5 lb)	-			
	Dimensions			
Gross Weight 828 g (1.8 lb)	Net Weight	685g (1.5 lb)		
	Gross Weight	828 g (1.8 lb)		



Dimensions (mm/in)



Accessories

